

CLAIMS:

1. A shoulder pad for a vehicle seat belt which is adapted to be mounted on the seat belt for engagement with the shoulder of a wearer, the shoulder pad comprising a body having a first zone and a second zone to be mounted on the wearer's side of the seat belt, the second zone being thicker than the first zone.
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2. A shoulder pad as claimed in claim 1, wherein the thickness of the pad increases gradually through the distance from the first zone to the second zone including the zones.
3. A shoulder pad as claimed in claim 2, including comprises a thin substrate bearing a series of projections of progressively increasing in height between the first and second zones.
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4. A shoulder pad as claimed in claim 1, claim 2 or claim 3, wherein at least the second zone is located towards a distal end of the pad.
5. A shoulder pad as claimed in any preceding claim, including a tether portion to connect the pad to a vehicle seat, the tether portion being at the end of the pad adjacent to the first zone.
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6. A shoulder pad as claimed in claim 5, including a tether of doubled back length of narrow strapping.
7. A shoulder pad as claimed in any preceding claim, wherein the body is formed from a stiff resilient material.
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8. A shoulder pad as claimed in claim 8, wherein the body is formed from synthetic rubber.
9. A shoulder pad as claimed in any preceding claim, wherein the shoulder pad includes a tapering portion, including the two zones, comprising a thin substrate bearing a series of projections of progressively increasing height.
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10. A shoulder pad as claimed in claim 9, wherein the substrate suitably has a thickness in the range 0.5 to 1.5 mm, particularly 1.0 mm.
11. A shoulder pad as claimed in claim 9 or claim 10, wherein:
 - the smaller projections in the first (thinner) zone are suitably 3 to 5 mm, preferably 4 mm, thick, giving a total thickness of substrate and projection in the preferable instance of 5 mm;
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- the greater projections in the second (thicker) zone are suitably 8 to 12 mm, preferably 10 mm thick, giving a total thickness of substrate and projection in the preferably instance of 11 mm.
12. A shoulder pad as claimed in claim 9, claim 10 or claim 11 as appendant to claim
5 6, wherein the body is attached to the tether peripheral stitching.
13. A vehicle seat belt for engagement with the shoulder of a user characterised in that it comprises a shoulder pad as claimed in anyone of claims 1 to 12.
14. A child car safety carrier having a harness with at least one shoulder strap characterised in that it comprises a shoulder pad as claimed in anyone of claims 1 to
10 12.